

2006-2010 CAPITAL IMPROVEMENT PLAN

Bill White, Mayor

Council Members

Toni Lawrence.....	District A
Carol M. Galloway	District B
Mark Goldberg.....	District C
Ada Edwards	District D
Addie Wiseman	District E
M.J. Kahn	District F
Pam Holm	District G
Adrian Garcia	District H
Carol Alvarado.....	District I
Mark Ellis	At-Large, Position 1
Gordon Quan	At-Large, Position 2
Shelley Sekula-Gibbs	At-Large, Position 3
Ronald C. Green	At-Large, Position 4
Michael Berry	At-Large, Position 5

Annise D. Parker, City Controller

Anthony Hall
Chief Administrative Officer

Judy Gray-Johnson
Director, Finance and Administration

MOTION NO. 2005 0659


MOTION by Council Member Khan that the recommendation of the Chief Administrative Officer of the Mayor's Office, for approval of the Proposed Fiscal Year 2006-2010 Capital Improvement Plan (FY 2006-2010 CIP) and to establish a charge for copies, be adopted, and the 2006-2010 Capital Improvement Plan is hereby approved by the City Council, as amended by Motion No. 2005-0654, and a charge of \$50.00, plus tax and postage per set (Volume One, Volume Two and the Executive Summary), is hereby established for the purchase of the adopted CIP documents.

Seconded by Council Member Alvarado and carried.

Mayor White, Council Members Lawrence, Galloway, Goldberg, Edwards, Wiseman, Khan, Holm, Garcia, Alvarado, Ellis, Quan, Sekula-Gibbs, Green and Berry
voting aye
Nays none

PASSED AND ADOPTED this 6th day of July, 2005.

Pursuant to Article VI, Section 6 of the City Charter, the effective date of the foregoing motion is July 12, 2005.



City Secretary

ACKNOWLEDGEMENTS**Mayor's Office**

Anthony Hall, Chief Administrative Officer

Houston Airport System

Sara S. Culbreth, Deputy Director

Laura Grainger, Staff Analyst

Convention and Entertainment

John Silva, Executive Staff Analyst

Finance and Administration

Judy Gray-Johnson, Director

Michael W. Shannon, Senior Staff Analyst

James Clay, Financial Analyst IV

Don Tews, System Accountant IV

Public Works and Engineering

Lisa Preciado, Admin Analyst

Department Coordinators

Kent McLemore, Houston Airport System

Frank Antene, Building Services

Issa Dadoush, Building Services

Ben Mendez, Building Services

Richard Vella, Building Services

Vladimir Naranjo, Building Services

Bobby Rivers, Building Services

Carter Roper, Building Services

Russell Clark, Convention and Entertainment

Gracia Rosslow, Fire

Peter James, Fire

Ron Lucik, Health and Human Services

Jack Lippincott, Housing and Community Development

John Middleton, Library

Mark Ross, Parks and Recreation

Larry Yium, Police

Jun Chang, Public Works and Engineering

Daniel Krueger, Public Works and Engineering

Harish Jajoo, Public Works and Engineering

Mark Loethen, Public Works and Engineering

Jim Vanderwater, Public Works and Engineering

Leonard Washington, Public Works and Engineering

Gary Readore, Solid Waste

Printing

Mary Green

Fred Lemuel

Johnny Garces

Elnora Marsh

Eric Garcia

Soledad Stutz

Rosalyn Jackson

TABLE OF CONTENTS

Introduction	i
Source of Funds Summary - Enterprise Programs	iii
(A) Airport Facilities Improvements	
Program Overview	1
Source of Funds Summary	3
Program Summary.....	4
Individual Project Descriptions	25
(B) Convention & Entertainment Facilities Improvements	
Program Overview	119
Source of Funds Summary	120
Program Summary.....	121
Individual Project Descriptions	127
(R) Wastewater Treatment Facilities	
Program Overview	153
Source of Funds Summary	154
Program Summary.....	155
Individual Project Descriptions	161
(S) Water System Improvements	
Program Overview	187
Source of Funds Summary	188
Program Summary.....	189
Individual Project Descriptions	195
Appendix	221

Volume Two

Enterprise Programs

- Airport
- Convention & Entertainment
- Wastewater
- Water

**VOLUME TWO
INTRODUCTION**

Volume Two of the FY2006-2010 Capital Improvement Plan (CIP) contains information on projects that are primarily funded from revenue bonds (Enterprise Capital Programs). Included are Airport Facilities Improvements, Convention and Entertainment Facilities Improvements (CEFD), Wastewater Utility Facilities Improvements, and Water Utility System Improvements.

Overview

The FY2006-2010 Enterprise Capital Program totals \$2.5 billion and consists of the four programs illustrated in Figure 1. The Wastewater Utility Improvements constitutes the largest program and represents 35% of the program, the Airport System Facilities Improvements represent 35%; Water Utility Improvements represent 30%, and the Convention and Entertainment Facilities Improvements comprise less than 1%.

The Wastewater Facilities Program (totaling \$878.2 million) supports the processing of raw wastewater by physical and biological treatment methods in compliance with Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) standards. Funds are used to renovate and expand the current system, while maintaining compliance with all permits.

The Airport Facilities Program (totaling \$874.1 million) must respond to the demands of passenger traffic, the airline industry, and other airport tenants. The Airport System Program, therefore, is continuing to upgrade and expand the City's airport system in accordance with its Master Plan.

Implementation of the Master Plan is nearing the end of Phase I (see Airport Facilities Improvements Narrative on page ii).

The Water Utility System Program (totaling \$742.8 million) continues to upgrade and expand the City's water distribution and purification facilities. Raw water supplies, however, are projected to be sufficient up to and beyond the year 2035. The CIP contains purification plants, storage, transmission, and distribution facilities, which will ensure sufficient potable water for customers.

The construction of water line projects for the areas included in the Neighborhood Renewal program are an important part of the larger neighborhood renewal and distribution system grid extensions. The neighborhood program targets neighborhoods for revitalization and stabilization by rehabilitating and upgrading area infrastructure.

The Convention and Entertainment Facilities Program totals \$ 3.2 million and provides for the renovations, enhancements, repairs and refurbishment of existing facilities.

Funding Sources

Revenue supported bonds provide \$1.86 billion, or 74% of the funding for Enterprise Capital Programs. Principal and interest payments on these bonds are made from revenues generated by the various enterprise operations, primarily through charges to the respective users and customers. For example, the Houston Airport System charges the airlines and airline-related businesses for the use of airport facilities.

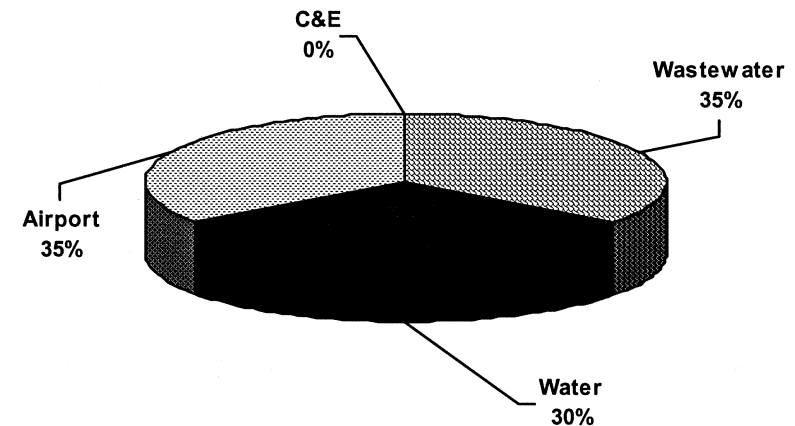
CIP Document Organization

The Executive Summary is a synopsis of Volume One and Volume Two. It includes a summary of all funding sources, a bond funds summary indicating bond supported funding, and a detailed listing of each project by program.

Each volume of the CIP is organized similarly: Introduction, Source of Funds Summary, and a Five-year Debt Issuance Schedule. Following the five-year debt issuance schedule, each project is summarized to include a description, funding sources and implementation schedule.

Various terms used in the CIP are defined in the appendix.

**FIGURE 1
ENTERPRISE PROGRAMS
PLANNED APPROPRIATIONS**



2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

SOURCE OF FUNDS SUMMARY (Thousands)									
Source of Funds	Appropriations Through Dec 31, 2004	Estimated Appropriations Jan. 1 - June 30 2005	Fiscal Year Planned Appropriations					Total	Total
			2006	2007	2008	2009	2010	2006- 2010	
ENTERPRISE PROGRAMS									
Aviation Department Facilities									
Airports Improvement Fund	212,291	44,180	104,792	74,168	72,945	44,500	58,919	355,324	611,795
Revenue Bonds/Commercial Paper	1,151,138	13,713	230,695					230,695	1,395,546
CRC-SFRB	250							0	250
FAA/AIP (Federal Funds)	74,752		12,825		10,228			23,053	97,805
Arpt Syst Comm Pap A, C AMT	1,050				702			702	1,752
Airport Renl & Replacement Fund	16,247	25	560	1,265	470	660		2,955	19,227
Proposed FEMA			1,500					1,500	1,500
Proposed TSA					66,234	94,784		161,018	161,018
Undetermined Funding						5,808	93,075	98,883	98,883
Total	1,455,728	57,918	350,372	75,433	150,579	145,752	151,994	874,130	2,387,776
Conv. & Ent. Department Facilities									
GRB Consol. Constr. Fund	250		960					960	1,210
CC-Sports Arena Revenue Fund			194					194	194
Conv. & Ent. Revenue Fund	36	248	1,812	30				1,842	2,126
C & E Construction Fund		50						0	50
Community Development Blk Grant			170					170	170
Total	286	298	3,136	30	0	0	0	3,166	3,750
WasteWater Facilities									
Tx Water Development Board			80,795					80,795	80,795
Water & Sewer Ren. & Rep. Fund	38,435							0	38,435
Water & Sewer Cons. Const. Fund	862,168	98,716	91,451	167,839	179,851	176,641	181,607	797,389	1,758,273

2006-2010 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

SOURCE OF FUNDS SUMMARY (Thousands)

Source of Funds	Appropriations Through Dec 31, 2004	Estimated Appropriations Jan. 1 - June 30 2005	Fiscal Year Planned Appropriations					Total	Total
			2006	2007	2008	2009	2010	2006- 2010	
ENTERPRISE PROGRAMS									
WasteWater Facilities									
Water & Sewer Operating Budget	360							0	360
Total	900,963	98,716	172,246	167,839	179,851	176,641	181,607	878,184	1,877,863
Water Facilities									
Annexed District Bond Fund	5,361							0	5,361
C.I.W.A. Bond Fund	36,000							0	36,000
Water & Sewer Cons. Const. Fund	1,583,367	127,143	152,076	162,028	157,906	144,188	126,579	742,777	2,453,287
Water & Sewer Ren. & Rep. Fund	24,621							0	24,621
Total	1,649,349	127,143	152,076	162,028	157,906	144,188	126,579	742,777	2,519,269
GRAND TOTAL	4,006,326	284,075	677,830	405,330	488,336	466,581	460,180	2,498,257	6,788,658